

REMARKS

The Applicant has amended claim 1 to highlight the claimed invention. Specifically, claim 1 now recites that the antijamming induction coils are located inside the motor chassis. Support for the amendment can be found in the original written description on page 3, lines 7-8. Applicant has also added a new claim 10. Claim 10 recites that the motor according to claim 1 is asynchronous. Support for the new claim can be found at page 5, line 7 and pages 7 line 26 of the originally filed application.

In the Office Action the Examiner objected to claims 1 and 3. The Examiner objected to claim 1 because "the motor chassis" lacked antecedent basis. The Examiner objected to claim 3 because it depended on canceled claim 2. Applicant has amended claims 1 and 3 to correct these informalities. Reconsideration and withdrawal of the objection is respectfully requested.

The Examiner has rejected claims 1 and 3-6 under 35 U.S.C. §103(a) as being unpatentable over Livings et al. (FR 2356992) in view of Moeder et al. (U.S. Patent No. 4,259,623).

The Examiner has also rejected claims 7 and 8 under 35 U.S.C. §103(a) as being unpatentable over Livings et al. (FR 2356992) in view of Moeder et al. (U.S. Patent No. 4,259,623) further in view of Enescu (GB 2134739).

In response to the above rejection, Applicants have amended claim 1 to specifically indicate that the antijamming induction coils are located inside the motor chassis. Applicants have also added claim 10 which defines the motor of claim 1 as asynchronous.

The present invention, specifically the elements pointed out in amended claim 1, recites non-obvious subject matter. Amended claim 1 points out a motor equipped with a device for adjusting the motor rotating speed, wherein a portion of at least one induction coil of said motor is used for the anti-jamming filter inductance, adapted to limit the jamming introduced by the switching frequency of the adjusting device. The

motor coil is divided into two separate portions connected in series and the adjusting device is connected between said two portions. The motor coil is located inside the chassis of the motor itself. Furthermore, the adjusting device is also located in the chassis of the motor.

The Livings patent fails to point out that the induction coil is located inside the motor chassis. Therefore, the Livings reference fails to point out all the elements of amended claim 1.

The Moeder patent provides no indication that the induction coils are located inside the motor chassis. It is noted by the Examiner that Moeder teaches that the speed adjusting device is located inside the motor chassis. However, nowhere in Moeder is it pointed out that the induction coils are also located inside the motor chassis. The induction coils perform a different purpose than the speed adjustment device. Therefore, the changing the placement of the induction coils is more than a mere changing of the position of an element. The induction coil placement determines the effectiveness of anti-jamming filter inductance.

Combining the cited prior art fails to point out all the non-obvious elements of amended claim 1. In addition to the position of the induction coil, any combination fails to point out several elements essential to the present invention. Furthermore, the regulating device in the cited prior art is not inserted between two portions of the coils as in amended claim 1. In the Moeder patent, the regulating device has four points of connections with the motor as indicated in Fig 1. Two connection points are located externally with respect to the motor coils 13 and 12. The adjusting device of the present invention is located between the two portions 1 and 1' of the coils. The two coils insure that the adjusting device is separated from the motor. In this way, the two portions of the induction coil limit in the best way the jamming introduced by the switching frequency of the adjusting device. Further, the motors described in the prior art are conventional motors with brushes. To the contrary, new claim 10 specifically recites a motor that is asynchronous which is not disclosed or suggested by the prior art.

Based on the above, Applicants respectfully submit that the claims of the present invention are in proper form for allowance. Favorable consideration and early allowance are therefore respectfully requested and earnestly solicited.

Respectfully Submitted,



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